

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025581.D
 Acq On : 15 Apr 2022 21:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

Quant Time: Apr 16 02:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131578	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	43679	3.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.574	69	44002	3.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.117	63	100021	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.899	46	83012	55.787	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.580%
24) Chloroform-d	4.355	84	86552	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.037	65	38986	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	158094	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.072	67	47461	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	145580	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.625	79	15345	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	57958	47.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30515	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50918	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	58801	4.947	ug/L	100
3) Chloromethane	1.246	50	70980	5.496	ug/L	100
5) Vinyl chloride	1.317	62	76578	5.247	ug/L	98
6) Bromomethane	1.529	94	46362	4.405	ug/L	100
8) Chloroethane	1.590	64	53133	4.716	ug/L	100
9) Trichlorofluoromethane	1.761	101	112387	5.482	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	59624	5.177	ug/L	98
12) 1,1-Dichloroethene	2.124	96	57780	5.063	ug/L	85
13) Acetone	2.191	43	54094	53.560	ug/L	98
14) Carbon disulfide	2.301	76	129886	4.755	ug/L	99
15) Methyl Acetate	2.449	43	12819	5.711	ug/L	91
16) Methylene chloride	2.513	84	52391	4.735	ug/L	95
17) Methyl tert-butyl Ether	2.777	73	89804	5.085	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	48959	5.120	ug/L	95
19) 1,1-Dichloroethane	3.198	63	89513	5.526	ug/L	95
21) 2-Butanone	3.982	43	76139	54.557	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	50736	5.039	ug/L	92
23) Bromochloromethane	4.256	128	20982	5.020	ug/L	# 84
25) Chloroform	4.381	83	95160	5.566	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	50674	5.617	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	84024	5.528	ug/L	98
30) Cyclohexane	4.683	56	69696	5.043	ug/L	95
31) Carbon tetrachloride	4.831	117	70576	5.490	ug/L	100
33) Benzene	5.104	78	205853	5.408	ug/L	100
34) Trichloroethene	5.918	95	53645	5.307	ug/L	98
35) Methylcyclohexane	6.133	83	75506	4.682	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47118	5.350	ug/L	100
38) Bromodichloromethane	6.513	83	60931	5.573	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	60384	5.232	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	207112	58.734	ug/L	96
42) Toluene	7.387	91	219154	5.292	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	48207	5.376	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	31914	5.411	ug/L	98
47) Tetrachloroethene	7.976	164	40249	5.086	ug/L	98
48) 2-Hexanone	8.140	43	149532	60.848	ug/L	95
49) Dibromochloromethane	8.246	129	34952	5.399	ug/L	96
50) 1,2-Dibromoethane	8.355	107	28929	5.222	ug/L	98
51) Chlorobenzene	8.882	112	137108	5.185	ug/L	99
52) Ethylbenzene	9.011	91	226200	5.122	ug/L	98
53) m,p-Xylene	9.140	106	89980	5.358	ug/L	98
54) o-Xylene	9.545	106	85249	5.227	ug/L	95
55) Styrene	9.561	104	145110	5.472	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	29341	4.979	ug/L	99
59) Bromoform	9.731	173	14828	5.022	ug/L	99
60) Isopropylbenzene	9.931	105	228338	5.157	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24384	5.176	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	95195	4.822	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	174780	4.913	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	102991	4.983	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	104217	4.968	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	91909	5.022	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4209	5.168	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	72417	4.605	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	55873	4.609	ug/L	98
71) Naphthalene	13.503	128	80387	4.521	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	48215	4.804	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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